

THE CLAIMS

1 1. (currently amended) A vent pin for a golf ball injection mold comprising a plurality of
2 pin sections that join to define the vent pin, said pin sections having faces that join to define at
3 least one primary vent along the inside of the tip of the vent pin, wherein the faces of the pin
4 sections join to define a plurality of apertures on the face of the tip of the vent pin, and wherein
5 the tip of the pin is shaped to form a plurality of dimples in the cover of a golf ball.

1 2. (canceled)

1 3. (original) The vent pin of claim 1, wherein the pin sections further define a secondary
2 vent in fluid connection with the primary vent.

1 4. (original) The vent pin of claim 3, wherein the secondary vent is defined along the inside
2 of the vent pin.

1 5. (original) The vent pin of claim 3, wherein the secondary vent is defined along the outer
2 surface of the vent pin.

1 6. (canceled)

1 7. (original) The vent pin of claim 1, wherein the primary vent is formed by a channel
2 cutout in a first pin section joined with a second pin section having an essentially planar face.

1 8. (original) The vent pin of claim 1 further comprising a second primary vent and a first
2 secondary vent.

1 9. (original) The vent pin of claim 8, wherein the first and second primary vents are in fluid
2 connection with the first secondary vent.

1 10. (original) The vent pin of claim 9, wherein the secondary vent is defined along the outer
2 surface of the vent pin.

1 11. (original) The vent pin of claim 9, wherein the secondary vent is defined along the inside
2 of the vent pin.

1 12. (previously presented) The vent pin of claim 8 further comprising second secondary
2 vent, wherein the first secondary vent is in fluid connection with the first primary vent and the
3 second secondary vent in fluid connection with the second primary vent.

1 13. (previously presented) The vent pin of claim 1, wherein the face of at least one pin
2 section is roughened to allow air and trapped gasses to pass therethrough when the plurality of
3 pin sections are joined.

1 14. (previously presented) An injection mold for producing golf balls, comprising:
2 a first mold plate defining a first cavity having an inner surface terminating in a first
3 parting line surface;
4 a second mold plate defining a second cavity having an inner surface terminating in a
5 second parting line surface such that the first and second mold plates define a substantially
6 spherical cavity when joined along said parting lines;
7 a vent pin disposed within the mold, wherein the vent pin comprises a first vent pin
8 section with a first face and a second vent pin section with a second face such that when the first
9 and second faces are joined they define a primary vent at the tip of the vent pin; and
10 a retractable pin disposed within the mold, wherein the retractable pin comprises a first
11 retractable pin section with a first face and a second retractable pin section with a second face
12 such that when the retractable pin faces are joined they define a primary vent at the tip of the
13 retractable pin.

1 15. (previously presented) The injection mold of claim 14, wherein the vent pin primary vent
2 comprises a plurality of apertures on the face of the tip of the vent pin.

1 16. (original) The injection mold of claim 14, wherein the faces of the vent pin sections
2 further define a secondary vent when the first and second faces are joined such that the primary
3 vent is in fluid connected with the secondary vent.

1 17. (original) The injection mold of claim 16, wherein the secondary vent is defined along
2 the inside of the vent pin.

- 1 18. (original) The injection mold of claim 16, wherein the first secondary vent is defined
2 along the outer surface of the vent pin.
- 1 19. (previously presented) The injection mold of claim 14, wherein the tip of the vent pin is
2 shaped to form a plurality of dimples in the cover of a golf ball.
- 1 20. (previously presented) The injection mold of claim 14, wherein the face of the second
2 vent pin section is essentially a planar surface.
- 1 21. (original) The injection mold of claim 14 further comprising a second primary vent.
- 1 22. (original) The injection mold of claim 21 further comprising a second secondary vent,
2 wherein the first and second primary vents are in fluid connection with the secondary vent.
- 1 23. (previously presented) The injection mold of claim 22, wherein the secondary vent is
2 defined along the outer surface of the vent pin.
- 1 24. (previously presented) The injection mold of claim 22, wherein the secondary vent is
2 defined along the inside of the vent pin.
- 1 25. (original) The injection mold of claim 21 further comprising a first secondary vent in
2 fluid connection with the first primary vent and a second secondary vent in fluid connection with
3 the second primary vent.
- 1 26. (canceled)
- 1 27. (previously presented) The injection mold of claim 14, wherein the face of at least one
2 pin section is roughened to allow air and trapped gasses to pass therethrough when the first and
3 second pin sections are joined.

1 28. (original) An injection mold for producing golf balls, comprising:

2 a first mold plate defining a first cavity having an inner surface terminating in a first
3 parting line surface;

4 a second mold plate defining a second cavity having an inner surface terminating in a
5 second parting line surface such that the first and second mold plates define a substantially
6 spherical cavity when joined along said parting lines;

7 a vent pin; and

8 a retractable pin disposed within the mold, wherein the retractable pin comprises a first
9 retractable pin section with a first face and a second retractable pin section with a second face
10 such that when the faces are joined they define a primary vent at the tip of the retractable pin.

1 29-35. (canceled)

1 36. (previously presented) A golf ball injection mold comprising:

2 a first mold plate defining a first cavity having an inner surface terminating in a first
3 parting line;

4 a second mold plate defining a second cavity having an inner surface terminating in a
5 second parting line surface, wherein said mold plates define a substantially spherical mold cavity
6 when said parting lines are joined;

7 a vent pin having a plurality of projections on the face of the pin for forming at least a
8 portion of a plurality of dimples in the golf ball and having a plurality of vents along the
9 perimeter of the pin, wherein the vent pin further comprises a first pin section having a first face
10 and a second pin section having a second face such that when the faces of the pin sections are
11 joined they define a vent along the inside of the tip of the vent pin.

1 37. (original) The golf ball injection mold of claim 36, wherein the vent pin is shaped to form
2 four dimples on the golf ball.

1 38. (canceled)

1 39. (currently amended) The golf ball injection mold of claim ~~[[38]]~~ 36, wherein the face of
2 at least one pin section is roughened to allow air and trapped gasses to pass therethrough when
3 the first and second pin sections are joined.

1 40. (previously presented) A vent pin for a golf ball injection mold comprising a plurality of
2 pin sections that join to define the vent pin, said pin sections having faces that join to define at
3 least one primary vent along the inside of the tip of the vent pin, and wherein the tip of the pin is
4 shaped to form a plurality of dimples in the cover of a golf ball.

1 41. (previously presented) The vent pin of claim 40, wherein the pin sections further define a
2 secondary vent in fluid connection with the primary vent.

1 42. (previously presented) The vent pin of claim 41, wherein the secondary vent is defined
2 along the outer surface of the vent pin.

1 43. (previously presented) The vent pin of claim 40, wherein the primary vent is formed by a
2 channel cutout in a first pin section joined with a second pin section having an essentially planar
3 face.

1 44. (previously presented) The split vent pin of claim 40, wherein the face of at least one pin
2 section is roughened to allow air and trapped gasses to pass therethrough when the plurality of
3 pin sections are joined.

1 45. (previously presented) A vent pin for a golf ball injection mold comprising a plurality of
2 pin sections that join to define the vent pin, said pin sections having faces that join to define at
3 least one primary vent along the inside of the tip of the vent pin, wherein the primary vent is
4 formed by a channel cutout in a first pin section joined with a second pin section having an
5 essentially planar face.

1 46. (previously presented) The vent pin of claim 45, wherein the pin sections further define a
2 secondary vent in fluid connection with the primary vent.

1 47. (previously presented) The vent pin of claim 46, wherein the secondary vent is defined
2 along the inside of the vent pin.

1 48. (previously presented) The vent pin of claim 46, wherein the secondary vent is defined
2 along the outer surface of the vent pin.

1 49. (previously presented) The vent pin of claim 45, wherein the face of at least one pin
2 section is roughened to allow air and trapped gasses to pass therethrough when the plurality of
3 pin sections are joined.

1 50. (previously presented) A vent pin for a golf ball injection mold comprising a plurality of
2 pin sections that join to define the vent pin, said pin sections having faces that join to define at
3 least one primary vent along the inside of the tip of the vent pin, wherein the face of at least one
4 pin section is roughened to allow air and trapped gasses to pass therethrough when the plurality
5 of pin sections are joined.

1 51. (previously presented) The vent pin of claim 50, wherein the pin sections further define a
2 secondary vent in fluid connection with the primary vent.

1 52. (previously presented) The vent pin of claim 51, wherein the secondary vent is defined
2 along the inside of the vent pin.

1 53. (previously presented) The vent pin of claim 51, wherein the secondary vent is defined
2 along the outer surface of the vent pin.

1 54. (previously presented) The vent pin of claim 50 further comprising a second primary vent
2 and a first secondary vent.

1 55. (previously presented) The vent pin of claim 54, wherein the first and second primary
2 vents are in fluid connection with the first secondary vent.